

Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For other words)

Date:

Division :DASARAHALLI DIVISION

bill received no dated... .. Sub-division.....

Book voucher No.....

Dated.....Scheduled Docket No.....

Head of Account.....

Name of work (as per Sanctioned Estimate.) **Drilling of borewell in Ward No.13 in Shettyhalli Sub**
Division.

Name of contractor and full address: **M/S KRIDL**

Reference to Agreement No. EE/DD/WO/ 161 /17-18, Dated: 27 /12 /2017

Certified that the measurements were taken by me on.....15/02/18.....and recorded in pages **61201-61212**

Measurements Book No . **613/2017-18** And that the work is satisfaction executed.

Contractor.

Officer-in-charge of work.

EXECUTIVE ENGINEER-4
Certified that the measurements were taken by me on 15.02.18.....and found correct. The work is satisfactorily executed
Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and
the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are
all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal
agreement signed and executed by the contractor is recorded in the office.

If Memorandum of payment

Work Code No. 013-18-000079

Sub-Division Officer

		AMOUNT
1.	Total value of work done or Supplies made as per account <i>1st and Final Bill</i>	3931048=00
2.	Deduct amount to be held in reserve being percent Rs.....	
3.	Deduct amount to be held in reserve being balance	IT → 78621=00
4.	Deduct payments:	
	a) Amount of previous payment as in the office cash book voucher	PSD → 196552=00
	No.....Dated.....S.D.No.....	LWC → 39310=00
	Amount adjusted towards cash advance recovery of	LR → 7827=00
	b) Payment cost store or other materials supplied.	Total → 3931=00
5.	Balance being unpaid value of work done held in reserve	CBF → 3931=00
6.	Deduct cash advance made on the office cash book vehicle No.....	
	Dated.....less adjustments.	
7.	Net amount due to or from contractor unadjusted items	
8.	Advance to contractor for materials brought to site (as detailed)	
	Within value of Government materials supplied.	
	Audited and admitted for Rs.....	3604807=00
	Total amount adjusted:	

Received Rs. 2959.51/- (In words)

by adjustment by cash and by adjustment of

Payment as per memorandum.

(In final settlement of all demand)

Witness:

1.  B.B.M.P. Dasarahalli Division

1.
2

Date:

Paid by me by cheque No.....Dated.....

Cash Rs.....dated.....

Initials of officer making payment dated.....

Contractor Signature.

Executive Engineer.

Sl. No.	Description	Unit	Previous Measure	
			Qty	Co
1	2	3	4	5
1	Geophysical investigation of site for sinking borewell for supplying drinking water to the habitation either through the hand pump, MWS or P.W.S.S. by vertical electrical sounding by adopting venner or schlumbergers's method, including reconnaissance survey of geological formation, Geological investigation of existing ground water in vicinity, its quality, quantity & acceptability of the users indicating the location of site, recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 mtr in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site, engaging technical personal and labour required etc (P.NO-47, I.NO-9.4, PRED 12-13 SR)	No.s	-	
2	Sinking of borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over budern upto 20 m. fixing of casing pipes, collars & cap with necessary cutting, threading & welding including transportation of rig and supporting vehicle, crew charges & cost of consumables etc., complete including yield testing at the final depth with minimum working of compressor for one hour(excluding cost of casing pipes, collars, cap etc.) (P.NO-47, I.NO-9.1, PRED 12-13 SR)		-	
	0.00 to 50.00 Mtr.	Mtr	-	
	50.00 to 100.00 Mtr.	Mtr	-	
	100.00 to 150.00 Mtr.	Mtr	-	
	150.00 to 200.00 Mtr.	Mtr	-	
	200.00 to 250.00 Mtr.	Mtr	-	
	250.00 to 300.00 Mtr.	Mtr	-	
	300.00 to 350.00 Mtr	Mtr	-	
3	Supplying of ISI Mark 175 mm nominal bore medium black ERW casing pipe of 5mm thick black electric resistance continous welded midle steel tube material confirming to IS 1387/1993 and manufactured from hot rolled steel skelp/strips in random length of 4 to 7 mtr both ends threaded confirming to IS 554/1985 one end(including of all taxes) (P.NO-III, I.NO-84, PRED 12-13 SR)	Mtr	-	
4	Additional rate on Item No.2 is allowed for drilling in over burden and folling casing pipes beyond 20mtrs, rate at 15% and beyond 30mtrs 30% on basic rate of Rs.306 is allowed (P.No.48 item No 9.1.1)	mtrs	-	
5	Providing 175 mm dia M.S. Collar (P.NO-II, I.NO-86, PRED 12-13 SR)	Each	-	
6	Providing 175mm M.S Cap(P.NO-II, I.NO-85, PRED 12-13 SR)	Each	-	
7	Supply & delivery at site brand new texmo/innoval/lubi/sabar /Atalanta/calamal/ waterman/Radha make suitable HP deep well submercible pumpset suitable for vertical installation in 150 dia borewells compressing of single stage or multistage CF pump close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water squirrel cagesubmercible induction motor suitable for operation of 3Ph, 50Hz.380/440 volts AC supply fitted with required accessories such as suction, casing, suction strainers, sand guard. Non return valve etc Complete the pump and motor shall from an integral unit with all the required fittings 15.000. HP 25 stage (P NO.XXXX, I.NO-30.PWD SR-2016-17)	Each	-	
8	Supplying and Drawing 3 core Flat PVC Shalted Submersible pump cable Manufactured with Electrolytic Grade copper with Flexiblecopper conductor to table 3 class 5 of IS 8130-1984 and virgen PVC insulation and Sheeated suitable for working Voltage Upto 1100 Volts BWSSB SR 2014-15, P-535:1.30 P.12 SI.2.10.4	Mtrs	-	
9	Supply and fixing 50mm Non return valve of vertical type of approved make including cost of all materials labour HOM of equipment with all leads Complete as per specification PWD SR 2015-16, P.No. XXIII, SI.659	No.s	-	
10	Supplying & delivery of brand new best make Gate Valve of size 50mm as per IS:778/84 with latest amendments with ISI mark. 50mm Gate Valve for distributer pipeline. 50mm dia (PWD SR-2015-16, P.No.XXIII, SI.no.673)	No's	-	
11	Supplying and fixing 175mm Borewell cap with clampsetAs per approved Rate per SERED Letter No 2081/2010-11'	No's	-	
12	Providing and fixing 50mm GI union to the motor (PWD SR-2014-15, P.No.XXXIX, G.I.Pipe Fitngs -ISI Standards Table)	No's	-	
13	Supplying & fixing of 50mm GI Elbow PWD SR 15-16 XXXIX	No's	-	

Present Measurement			Total Up-to-date		Remarks
Qty	Rate	Cost	Qty	Cost	
6	7	8	9	10	11
4	2032.56	8130.24	4	8130.24	
200.00	330.48	66096.00	200.00	66096.00	
200.00	432.00	86400.00	200.00	86400.00	
200.00	480.60	96120.00	200.00	96120.00	
200.00	507.60	101520.00	200.00	101520.00	
200.00	587.52	117504.00	200.00	117504.00	
200.00	629.64	125928.00	200.00	125928.00	
178.50	780.00	139230.00	178.50	139230.00	
160.00	1325.00	212000.00	160.00	212000.00	
40.00	45.90	1836.00	40.00	1836.00	
40	150.00	6000.00	40	6000.00	
4	150.00	600.00	4	600.00	
3	73494.68	220484.04	3	220484.04	
1467.00	188.70	276822.90	1467.00	276822.90	
3	1145.00	3435.00	3	3435.00	
3	1600.00	4800.00	3	4800.00	
3	500.00	1500.00	3	1500.00	
3	223.70	671.10	3	671.10	
9	111.80	1006.20	9	1006.20	

14	Supplying and delivery at site brand new/Essen/Lotussunsines/Adarsh/GK controls best indigenous make combine energy meter-cum-control panel board unit of size 1200x600x300 mm minimum mechanically strong and vermin and water proof the unit shall have two detachable doors suitable for operation on 3ph, 50Hz, 380/440 volts, AC supply with spring loaded latch locking with a key ribs should be provided inside the road, canopy apron and louvers ventilators shall be provided the combine energy mtr cum control panel board unit suitable for operation on 3ph, 50Hz, 380/440 AC Supply shall be consisted etc, completed T pannel board shall be fabricated on single units in the above components panel board for suitable pumpset above components panel board for suitable pumset above 6.50 HP 15.00 HP with star delta starter (MR)	No's	-	
15	providing and fixing 50mm GI pipe 'C' Class heavy duty for erection of submersible pumpse galvanised tube 50mm supply and delivery of cause heavy duty as per (PRED SR P.No.56. I.No.10.1	Mtr	-	
16	Supplying & fixing of 50mm GI Coller heavy duty PRED SR 2012-13 P-III S-86	No's	-	
17	Erection of combined panel board meter with all necessary materials and labour including providing Cement concrete foundation bed etc., Complete PRED ISSUE RATE	No's	-	
18	Supplying of TPST with rewirable porcelain channels in SM encloser 15/32 amps P-521, Group Bi-1(b), BWSSB SR 2013-14	No's	-	
19	supplyng and fixing 500x500x65mm polished wood board made of not less than 15mm thick plank in front plank one end provided for olding at other end fixing the same of the valve using through bolts and nuts, PRED ISSUE RATE	No's	-	
20	Supplying and fixing LED Type panel board indicating lamp with required colour suitable for 220 V AC 50Hz 12/24 V DC Group B P.529, I-35(b) BWSSB SR 2013-14	No's	-	
21	Supplying and Drwaing each PVC Insulated 651/100V Grade wire in the conduct (open or concealed system of wiring) 7/20 or 7/36 copper wire P-380, I-20,ii(d),BWSSB SR2012-13.	No's	-	
22	Supplying fixing and wiring heavy duty low voltage capacitors conforming I 2834,3 PHASE 400/440 Vts grade for power factor improvement of rotating machinery capacitor in KVAR rating Nos 2 KVAR Capacity P-402. -34(a) BWSSB SR 2012-13	No.s	-	
23	Supply and Fixing Miniature circuite breakers on existing MCB distribution boards using necessary fixing materials and complete as required P-526 I-13 (P, a) BWSSB SR 2013-14	No's	-	
24	Supplying and fixing wiring earth electrode for grounding conduits, LC cutouts and other equipments on the meter board using 40mm dia 2.90 mm thick GI pipe 2.5 mtr long buried in a pit, the pit should be filled with equal proportion of salt and charcoal 150 mm around the pipe to complete depth the connections from the pipe to the conduit etc., is to be established though GI wire of size as per ISI specification 7.3.3 of ISI 732 using 12mm dia bolts, nuts washers and checknuts etc., the pipe shall have 16 through holes of 12mm dia (P.NO - 552, I.NO - 7, BWSSB SR 13-14)	No's	-	
25	Supplying and fixing of A class (medium duty) GI Pipe of wall thickness not less than 3.25 mm on pole / wall . Drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class 40mm dia (Page No.62 Item No.7.12.1)	No's	-	
26	Supplying 1.1 KV class UG Cable From nearest Bescom Pole to Panel Board Including Earth Work and Road Restoratio 4 core 16sqmtr P-426,i-10 (d) BWSSB SR 2012-13	Mtr	-	
27	Labour charges for Layeing 1.1 KV class UG Cable when Supplied by agencies in exisisting trenches GI pipe -stone pipe-on pole as required, P-427,I -11(a) BWSSB SR 2012-13	Mtr	-	
28	Digging of trench of 0.60x0.50 Mts wide refilling the trench to the required ground level and consolidated etc. Complete sutting road surface (Page No-554,I.NO-12(b) , BWSSB SR 13-14)	Mtr's	-	
29	Supplying and fixing LT Cast iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitimen / insulating compound complete with terminals, clamps, Bolts, nuts & washers etc 4 core 16 Sqmm (Ele SR of 2014-15, Page No.62/7.13.2)	No's	-	
30	Supplying and fixing of Porce lain fuse channel with cut-out on existing bar new wooden panel using neseccory nuts,bolts and washers etc.,BWSSB SR P-394 I 173	Nos	-	
31	Bescom Deposit charge and Miscellaneous	L.S	-	
32	KSRRB M200-24. Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications. MORTH Specification No. 202 (Page No. 138, Item No.18.48,PW,P & IWTD SR 2016-17)	Cum	-	
33	KSRRB 2-2.3: Excavation by manual means for foundation of buildings, water supply & sanitary lines and electrical conduits etc., either in pits or in trenches 1.50m and above in width, in soft rock not exceeding 1.50mtrs in depth including stacking the excavated stuff clear from edges of excavation with lead upto 50mt including cost of explosives,labour, HOM of equipment complete as per specifications,specification. No. KBS 2.1 C/2.9.4/2.18/2.19	Cum	-	
34	Providing and installaing at site od work PVC Pipes including cost of pipes and specials and labour, including lowering into trenches, laying true to line, level and perfect linking at joints leak proof including joining of approved type with all labour and lift charges, handling charges including encasing the pipe around to a depth not less than 15cms with gravel or selected earth available from the excavation etc., complete PVC Pipes Of 60kg/sqm 50mm dia .page No XVII Si 52.2 PWD SR 2016-17	RMT	-	
35	Supplying and Fixing 50mm GI Pipes 'B' Class hecy duty (Asper BWSSB Store issued Rate) Note:.. GI Pipe using For Road Classing Place	No's	-	

3.00	10000.00	30000.00	3.00	30000.00	
467370.00	519.30	467370.00	900.00	467370.00	
150	150.00	22500.00	150	22500.00	
3	475.00	1425.00	3	1425.00	
3	1320.00	3960.00	3	3960.00	
3	302.50	907.50	3	907.50	
9	385.00	3465.00	9	3465.00	
30	27.50	825.00	30	825.00	
3	385.00	1155.00	3	1155.00	
3	880.00	2640.00	3	2640.00	
3	1650.00	4950.00	3	4950.00	
30	286.00	8580.00	30	8580.00	
120.00	165.00	19800.00	120.00	19800.00	
120.00	5.50	660.00	120.00	660.00	
45.00	44.00	1980.00	45.00	1980.00	
3	264.00	792.00	3	792.00	
18	440.00	7920.00	18	7920.00	
-	-	-	-	-	-
131.85	827.86	109153.34	131.85	109153.34	
395.55	299.98	118657.09	395.55	118657.09	
1172.00	235.00	275420.00	1172.00	275420.00	
4	1350.00	5400.00	4	5400.00	

36	KSRB 2-4: Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m. including cost of all labour complete as per specifications.(P No 6 I No 2.11 PWD SR rate 2016-17	Cum	-	
37	Transporation Of Pumping Machinerys Pred SR 2012-13 PG 51/10.3.19	No's	-	
38	Eraction Of Pumping Machinerys Pred SR 2012-13 PG 51/10.3.20	No's	-	
39	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2(Page No. 12, Item No.4.3,PW,P & IWTD SR 2016-17)	Cum	-	
40	Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for R.C.C works laid in 15 cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.)(Page No. 18.tem No.4.49.1,PW,P & IWTD SR 2016-17)	Cum	-	
41	Supplying of drinking water through the water tanker	Load/day	-	
				Sc
				KRIDL C

CERTIFICATE :

It is Certified that the Contractor has completed the work satisfactorly

He has removed the debries from work spot

Quality Control Test Report and Photo graphs are enclosed along with bills



336.22	80.56	27085.68	336.22	27085.68	
4	900.00	3600.00	4	3600.00	
4	900.00	3600.00	4	3600.00	
52.74	5159.02	272086.71	52.74	272086.71	
79.11	6231.74	492992.95	79.11	492992.95	
360.00	515.00	185400.00	360.00	185400.00	
		3542408.76		3542408.76	
10.18 %		389664.96		389664.96	
Total		3932073.72		3932073.72	


 ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
 ಶಿಬಿರಕಲ್ಪ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
 ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
 ಎಸ್.ಎಂ. ರಸ್ತೆ, ರಜೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು